



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D3602-1
Job Sheet 169139



Part No: D3602-1

Job Qty: 30 ea

Part Name: Angle



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/4/17

Job Tracking No:

Due Date: 12/15/17

Created By: Linda Lacelle

Type: Stock

Description:

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	30 pcs		12/15/17	0.00	0.00	Purchasing	P003854	DEC 10 2017
110	Packaging	30 pcs		12/15/17	0.00	0.00	Packaging2		JAN 24 2018
115	QC	30 pcs		12/15/17	0.00	0.00	QC6		38 DAS
140	QC	30 pcs		12/15/17	0.00	0.00	QC5		9-69 38
150	Packaging	30 pcs		12/15/17	0.00	0.00	Packaging3-1	51201	AT 8/10/24
160	QC21-SA	30 Ea		12/15/17	0.00	0.00	QC21		DAS 21 JAN 24 2016

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
100-Purchasing	D3602-1P	30	0	0	0

Part Specifications

Specifications could not be found.

Plex 12/4/17 7:09 AM dart.lacelle.linda

DQA: _____ Date: _____



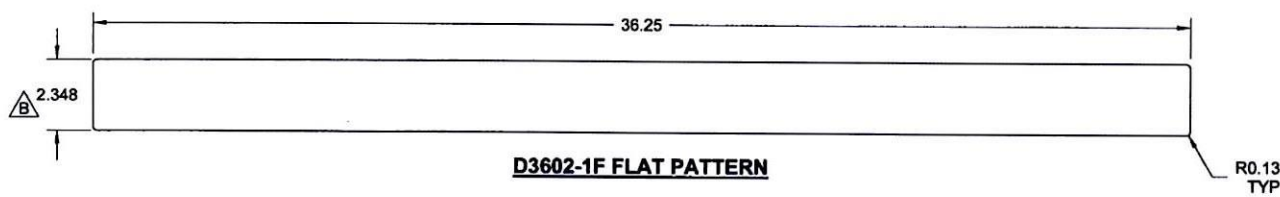
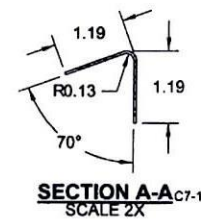
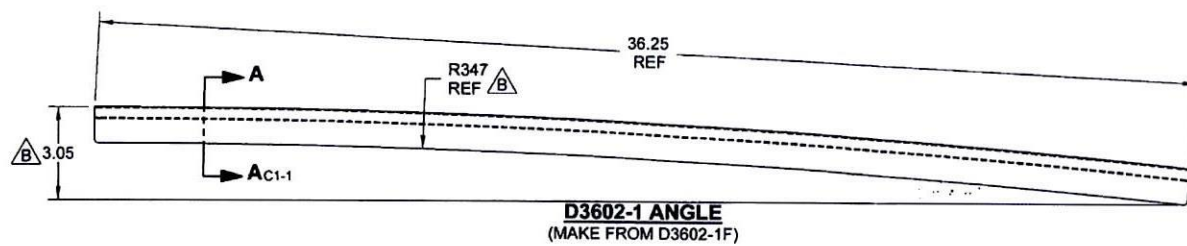
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspect ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Cross tube ☐	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K64 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com Water Jet ☐ Coord. ☐ Tagging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐ MRB (QSI042) Approval _____ Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____																																																								
Angle PART NO: D3602-1 Original Serial #: S034989 Revision: Operation: Change No: Mfg Date: 01/24/18 Job No: 169139																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> </tr> </thead> <tbody> <tr> <td style="width:15%;">Environment</td><td>☐</td> <td style="width:15%;">No Re-verification</td><td>☐</td> </tr> <tr> <td>Design</td><td>☐</td> <td>Operator</td><td>☐</td> </tr> <tr> <td>Doc/Data</td><td>☐</td> <td>Offset/Setup</td><td>☐</td> </tr> <tr> <td>Equip/Tooling</td><td>☐</td> <td>Supplier</td><td>☐</td> </tr> <tr> <td>Handling/Pre</td><td>☐</td> <td>Training</td><td>☐</td> </tr> <tr> <td>Material</td><td>☐</td> <td>Use for Testing</td><td>☐</td> </tr> <tr> <td>Internal Transport</td><td>☐</td> <td>Poor Information</td><td>☐</td> </tr> <tr> <td>Tribal Knowledge</td><td>☐</td> <td>Rushing</td><td>☐</td> </tr> <tr> <td>LOA</td><td>☐</td> <td>Product Improvement</td><td>☐</td> </tr> <tr> <td>Substation</td><td>☐</td> <td>Process Improvement</td><td>☐</td> </tr> <tr> <td>Past Expiry Date</td><td>☐</td> <td>Manufacturing Process</td><td>☐</td> </tr> <tr> <td>Misidentified</td><td>☐</td> <td>Past Due</td><td>☐</td> </tr> <tr> <td colspan="4" style="text-align: center;"> OTHER : _____ </td> </tr> </tbody> </table>				Root Cause				Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐	OTHER : _____			
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OTHER : _____																																																											

8 7 6 5 4 3 2 1



RELEASED
6/23/11 MB

- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 20 GAUGE, 0.038 THICK, PER AMS 5513 OR AMS 5524, REF. DART SPEC. M304S20GA
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFY WITH DART P/N "D3602-1" USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 0.97 lbs

B	ADDED ROUNDED SHAPE: R347 REF AND 3.05; 2.348 WAS 2.328. REF: NCR#09-014		MB	09.02.02
A	NEW ISSUE		MB	07.02.20
REV.	DESCRIPTION		BY	DATE
DESIGN			DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	09.02.02	DRAWING NO. D3602	REV. B SHEET 1 OF 1	
		TITLE ANGLE	SCALE NTS	
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8 7 6 5 4 3 2 1



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
22	01	18	0613876	1/1



VENDU À /SOLD TO

EXPÉDIÉ À /SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE		N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA
DART GFI-0299		0342719	PO038549	
QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.		DESCRIPTION	
30	D3602-1P		ANGLE	
	JAN 24 2018		ITEM 1	
			C OF C REQ'D	
	0334870 - 001 1pc			
	0331842 - 001 1pc			
	0329005 - 001 2pcs			
	MFG. JOB# 0342719-001 QTY 26 pcs			
	DUE DATE: 19 January 2018			
	CND			
			DAS 38 9-89	

EXPÉDITEUR
SHIPPER

REÇU PAR /RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038549

Supplier: GF1001-VC
GFI
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

PO No: PO038549
PO Date: 12/4/17
Due Date: 1/19/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

DEC 06 2017

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: COD
Freight Terms:
Special Comments:

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D3602-1P			Angle As Per Dwg D3602 Rev. B	Firmed	1/19/17	30 pcs	0 pcs	30 pcs	\$39.50/pcs	\$1,185.00
2	D3628-1P			Cupped Washer As Per Dwg D3628 Rev. C	Firmed	1/19/18	250 pcs	0 pcs	250 pcs	\$2.72/pcs	\$680.00
3	D3484- 041P			Tail Light Fairing As Per Dwg D3484 Rev.F	Firmed	1/19/18	10 pcs	0 pcs	10 pcs	\$356.00/pcs	\$3,560.00
4	D3484- 042P			Tail Light Fairing As Per Dwg D3484 Rev. F	Firmed	1/19/18	10 pcs	0 pcs	10 pcs	\$356.00/pcs	\$3,560.00

Grand Total: \$8,985.00

Order Notes

DWG REV B

JAN 24 2018

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

[Handwritten signature]



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038549

Supplier: GFI001-VC
GFI
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

PO No: PO038549

PO Date: 12/4/17

Due Date: 12/15/17

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: COD

Freight Terms:

Special

Comments:

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D3602-1P			Angle As Per Dwg D3602 Rev. B	Firmed	XXXXXX 01/19/2018	30 pcs	0 pcs	30 pcs	\$70.00/pcs 39.50	\$2,100.00
2	D3628-1P			Cupped Washer As Per Dwg D3628 Rev. C	Firmed	XXXXXX 01/19/2018	250 pcs	0 pcs	250 pcs	\$2.40/pcs 2.72	\$604.00
3	D3484-041P			Tail Light Fairing As Per Dwg D3484 Rev.F	Firmed	XXXXXX 01/19/2018	10 pcs	0 pcs	10 pcs	\$280.00/pcs 356.00	\$2,800.00
4	D3484-042P			Tail Light Fairing As Per Dwg D3484 Rev. F	Firmed	XXXXXX 01/19/2018	10 pcs	0 pcs	10 pcs	\$280.00/pcs 356.00	\$2,800.00
Grand Total:											\$8,304.00

Order Notes

DWG REV B

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
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- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT

APPROVED

By Pedro at 4:36 pm, Dec 06, 2017

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 12/6/17 11:14 AM dart.baker.diane

JAN 24 2018

DAS
38
9-89

CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas&Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 10 OUR JOB NO 0342719-001 SHIPPING MEMO 0613876

ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>1</u>	<u>30 PCS</u>	<u>PO038549</u>	<u>D3602-1P</u>	<u>B</u>	<u>ANGLE</u>	<u>B</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.040 THK AMS 5513 304 ANN</u>		<u>TW METALS/ ATI FLAT ROLLED PRODUCTS AND TW METALS/ NORTH AMERICAN STAINLESS</u>		<u>H/N 849652 AND Y7V5</u>		

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER 0334870-001 (1 PC), 0331842-001 (1 PC), 0329005-001 (2 PCS) AND 0342719-001 (26 PCS)</u>	<u>GFI</u>	<u>N/A</u>
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 22 JANUARY 2018

G.F.I. Q.C. REP.

Sonida Cen





TW METALS
O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name:

GFI, Inc

Purchase Order No.:

0089471

Item number:

0001

Shipper/Invoice No.:

12107384

Material:

304

Manufacturing Mill:

ATI

Specification:

Ams5510

Heat / Lot No.

849652

Size:

.040

Quantity:

1pc

Signature:

Jarice Clark

Date:

6/27/17



Width: 48.0000

Size: 0.04000

Customer PIN:

Packing List Number: 28945-1

lb. 1 pc.

Customer Name: TW Metals - NY

Customer PO: D12017809

UPM Sales Order: 633201

Date: 23/06/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 849652

Ingot: 01029714

United Performance Metals

Paul Isaac
Quality AssociateNOTICE OF SHIPMENT/
PACKING LIST

Flat Rolled Products

CERTIFICATE OF TEST

AL 6188-7 0316

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01029714 08/22/16	110977	VANDERGRIFT, PA	519098	13020102060000	30-086-391	10/26/16
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 516		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE AND SPECIFICATIONS CARRIER - COORDINATORS, INC.
 "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302) (AMS 5511H R2013) (AMS 5513J) (AMS 5516P) (ASTM-A-666-15) (UNS S30403) (UNS S30200) (UNS S30400) (S-400 DTD 02/07/2014) (ASTM-A-240-16) (S-1000 DATED 05/29/2015) (ASME-SA-240 ED 2015) (03/10/14 EXCEPT UPM 304L/304/302) (UPM-QRS-001 ISS 1 REV B) (03/06/15 EXC TO UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./0.0401/3103.	849652	AAB56694-A	8841644	20715	50	20665		465363		
	1	48./0.0401/3029.	849652	AAB56694-B	8841644	20165	50	20115		465359		
C CUST IDENTITY 00731												
2 SKIDS												
						40880	100	40780				

DIST: EMAIL COPY OF C/T TO RMIRANDA@UPMET.COM AND BRANDALL@UPMET.COM

TYPE HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 849652	.021	1.65	.038	.0003	.32	18.24	8.13	.47	.49	.08
TEST LOCATION	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN
CHECK 8841644	.021	1.64	.037	.0004	.32	18.14	8.04	.46	.48	.08
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS (MEASURED)	BEND ISO 3651-2SIZE	CORROSION ASTM GRAIN
001 8841644				NR	84.HRBW (69.HR30TW)	T PASS PASS	9.
TEST LOCATION	T 42600.	92200.	53. #		82.HRBW (68.HR30TW)	TC TC TC	
	TC	TC	TC		TC	TC TC TC	

* Y.S. BY 0.2% OFFSET METHOD

PAGE 01 - CONTINUED ON PAGE 02

10/26/16 08:37:16

DISCLAIMER: Please Note - This document was turned over to customer for their consideration, being correctly loaded, at which time our responsibility for this document is terminated. If any damage to this document is discovered, have a written statement made by the person responsible on file before leaving.

WARNING
Safety Data Sheets for this product are available on our website, www.ATImetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications as set forth in A TI Flat Rolled Products' Order Acknowledgement.

Signature: *[Signature]*
Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
 Size: 0.04000
 Customer P/N: 28945-1
 Packing List Number: 28945-1
 Quantity: 66 lb, 1 pc.

Customer Name: TW Metals - NY
 Customer PO: D12017809
 UPM Sales Order: 633201
 Date: 23/06/2017
 Description/Form: STAINLESS 304L - SHEET
 Heat Number: 849652
 Ingot: 01029714

United Performance Metals

Paul Spates
 Paul Spates
 Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 6103-7 0816

CUST. ORD. NO. & DATE 01029714 08/22/16	CUST. CODE 110977	SHIPMENT NO 519098	PRODUCT CODE 13020102060000	INVENTORY NUMBER 30-086-391	DATE SHIPPED 10/26/16
FORMS DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	SHIP TO VANDERGRIFT, PA PRIME SEC. DSO 516	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3. EDGE CARRIER - COORDINATORS, INC.

ITEM TEST NO 001 8841644	CORROSION MELT A 262 PR E SOURCE PASS 1.	T-YIELD 1% 51600.
-----------------------------	--	-------------------------

TEST LOCATION TC
 II ELONG AT FRACTURE

NR = DATA NOT REQUIRED
 METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

ASTM A262 PRACTICE E BEND ANGLE IS 180 DEGREES.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES. T1: HEATING OF A FLAT NON-WELDED TEST PIECE AT 700C +/- 10C (1292F +/- 18F) FOR 30 MINUTES FOLLOWED BY WATER COOLING.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

PAGE 02 - CONTINUED ON PAGE 03

10/26/16 08:37:16

CONSUMER-Please Note-This document was created over 20 years in this day's condition, being largely based on the information provided by the customer. It is not intended to be a legal document. If any changes or damage is discovered, a full description made by the transportation agent or by the customer is required.

WARNING
 Safety Data Sheets for the product are available on our website, www.ATIProducts.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications as set forth in ATI Flat Rolled Products' Order Acknowledgment.

Stephen Wolf
 Director, Corporate Quality Assurance



Length: 120.0000

Width: 48.0000

Size: 0.04000

Customer P/N:

Packing List Number: 28946-1

Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY

Customer PO: D12017809

UPM Sales Order: 633201

Date: 23/06/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 849852

Ingot: 01029714

United Performance Metals

Paul Isaac
Quality AssociateNOTICE OF SHIPMENT/
PACKING LIST

Flat Rolled Products

CERTIFICATE OF TEST

AL 6100-7 0016

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	WILL ORDER NUMBER	DATE SHIPPED
01029714 08/22/16	110977	VANDERGRIFF, PA	519098	13020102060000	30-086-391	10/26/16
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015		PRIME SEC. DSO DSO 516		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		

GRADE CARRIER - COORDINATORS, INC.
"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

ATI FLAT ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.

NO WELDS/WELD REPAIRS PERFORMED.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 2, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

EN 10204:2005 - ATI FLAT ROLLED PRODUCTS IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 24 DATED 10/16/2015.

ATI FLAT ROLLED PRODUCTS WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM REQUIREMENTS.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

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10/26/16 08:37:16

CONSIGNEE: Please Note - This consignment was turned over to carrier in first class condition being carefully loaded. At no time our responsibility for loss or damage whatsoever ceased. For your protection please examine shipment as it arrives. In any shortage or damage it is advised, have a decision made by transportation agent on how to handle loading.

WARNING
Safety Data Sheets for this product are available on our website: www.ATIFRP.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in A TIFlat Rolled Products' Direct Acknowledgment.

Stephen V. Vint
Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
 Size: 0.0400
 Customer P/N: 28945-1
 Packing List Number: 28945-1
 Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY
 Customer P.O: D12017809
 UPM Sales Order: 633201
 Date: 23/06/2017
 Description/Form: STAINLESS 304L - SHEET
 Heat Number: 849652
 Ingot: 01029714

United Performance Metals

Paul Isaac
 Paul Isaac
 Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL 0168-7 0316

CUST. ORD NO & DATE 01029714 08/22/16	CUST. CODE 110977	SHIP TO LOCATION VANDERGRIFT, PA	SHIPPER NO 519098	PRODUCT CODE 13020102060000	WILL ORDER NUMBER 30-086-391	DATE SHIPPED 10/26/16
FOR US DISTRIBUTION SHIP TO SPEC 1	REPEAT ORDER 82037-4	DO RATE 26	GOVT CONTRACT	MATL 1124	SHIPPING LOCATION VANDERGRIFT PA	INVOICE 655016
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015			SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015			

GRADE CARRIER - COORDINATORS, INC.
 "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES
 FOR TESTING LOCATIONS TC, BN, MI, & LO:
 C, S BY COMBUSTION/INFRARED
 N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
 MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
 B BY OES
 AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
 PB, BI, AG BY GPAA

MATERIAL TESTED AT ATI FLAT ROLLED PRODUCTS GEAE S400 APPROVED FACILITIES (T1225 & T9317):
 NATRONA HEIGHTS, PA; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

ATI FLAT ROLLED PRODUCTS HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100,
 AD 2000-MERKELATT WO, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025,
 GEAE S400 (T1225 & T9317), GEAE S-1000. REFER TO WWW.ATIMETALS.COM TO ACCESS THE CURRENT ATI FRP
 QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:
 1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
 2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING,
 BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT
 OR GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.
 PAGE 04 - CONTINUED ON PAGE 05

10/26/16 08:37:16

CONSUMER: Please Note - This certificate was issued over the
 internet and is not a physical document. It is the responsibility of the
 customer to ensure that the material is properly stored, handled, and
 protected from damage. If any damage or loss occurs, the customer
 must notify the supplier immediately. This certificate is valid only
 for the material described herein and is not valid for any other
 material or for any other use.

WARNING
 Safety Data Sheets for the product are available on our
 website, www.atimetals.com. A thorough review of the
 Safety Data Sheet for the grade of material purchased must
 be performed prior to working with this product and all safety
 & health considerations outlined must be implemented.

This document is a true copy of data on file. The material and test results conform to the sales contract
 and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen V. V...
 Stephen V. V...
 Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
 Size: 0.04000
 Customer PIN: 28945-1
 Packing List Number: 28945-1
 Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY
 Customer PO: D12017809
 UPM Sales Order: 633201
 Date: 23/06/2017
 Description/Form: STAINLESS 304L - SHEET
 Heat Number: 849652
 Ingot: 01029714

United Performance Metals

Paul Isaac
 Paul Isaac
 Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



Flat Rolled Products

CERTIFICATE OF TEST

AL 6160-7 0816

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	VAL. ORDER NUMBER	DATE SHIPPED
01029714 FORMS DISTRIBUTION SOLD TO 3 3 1 1 UNITED PERFORMANCE METALS INC. 3475 SYMMES ROAD HAMILTON OH 45015	110977	VANDERGRIFT, PA REPEAT ORDER 82037-4 PRIME SEC. DSO DSO 516	519098 GOVT CONTRACT	13020102060000 VATL 1124 VANDERGRIFT SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015	30-086-391 SHIPPING LOCATION PA 655016	10/26/16 INVOICE

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - COORDINATORS, INC.

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:
 BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
 TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

<<<<<<< FOR ACCESS TO ONLINE CERTIFICATES OF TEST >>>>>>>
 <<<<<<< REGISTER AT MYATI.ATIMETALS.COM >>>>>>>

PAGE 05 - FINAL PAGE.

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CONSIGNMENT - Please note that consignments are shipped over to the customer in the condition being correctly received, at which time our responsibility for loss or damage is transferred to the customer. For your protection please examine the material as it arrives. If any increase or decrease in quantity, or a lot description made by transportation agent, or any other before signing.	WARNING Safety Data Sheets for this product are available on our website, www.ATI-Metals.com. A thorough review of the Safety Data Sheet for the grade of material purchased should be performed prior to working with this product and all safety & health considerations outlined must be implemented.	The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgment. <i>Stephen W. H. [Signature]</i> Stephen W. H. Director, Corporate Quality Assurance
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CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name:

GHEI

Purchase Order No.:

00 88408

Item number:

0001

Shipper/Invoice No.:

12105952

Material:

304

Manufacturing Mill:

NAS

Specification:

Ams 5513

Heat / Lot No.

YTV5

Size:

- 040

Quantity:

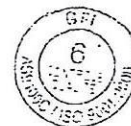
1pc

Signature:

Janice Clark

Date:

11/23/16





METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 172426 03
Customer: 0018 001

Ship To:
UNITED PERFORMANCE METALS
3475 STYNE ROAD
HAMILTON, OH 45015

Date: 5/02/2016 Page: 1
Steel: 302/304/304L

Finish: 2B

Your Order: 01028614

NAS Order: AN 0696499 01

Corrosion: ASTM A262/15, 1808end-OK

PRODUCT DESCRIPTION:

S/S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200
ASTM A240/15b, A480/15, A666/15; ASME SA240/15, SA480/15, SA666/15
CHEM ONLY ON FOLLOWING ASTM: A276/16, A479/16, A484/15, A312/16
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
ANS 5511H/5513J/5516F XMRX; MIL-S-5059D AMD3 (X CRN MEAS); MIL-4043B
NACE MR0175/ISO 15156-3:2009 A, MR0103/07; QCS766D-A X MAG FERN
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DPAAR Compliant

Product ID	Supplier ID	Thickness	Width	Weight	Length	Mark	Pieces	COMMODITY CODE
01Y7V5 B	* 01Y7V5	.0401	48.0000	27.990	COIL	4262.6	11	I 00731

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/14a

HEAT Supplier	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
Y7V5 Y7V5	US	.0202	18.0730	.4610	1.7915	.3580	.0707	8.0040	.0340	.0010
SI %										
.2175										

MECHANICAL PROPERTIES

Product ID	Supplier ID	UTS KSI	20C KSI	2% YS KSI	20C KSI	ELONG %-2"	Hard RB	Tail Hard	100 Bend 0.0"	Grain No.	D For F.N.
01Y7V5 B	01Y7V5	F T	98.41	57.60	49.10	90.50	86.50	OK	0.00	2.50	

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

5/02/2016

UNITED PERFORMANCE METALS

This is a copy of the original report and is not valid for any other purpose.

Site: 48 X 72
C.O. 01028614
P.O. 01028614
STAINLESS
Sales # 01028614

DNV-GL: 2017/01/01 037-045 ANS5513 PVC-2

Customer: CFI, Incorporated

Shipped: 11/16/2016

Heat: 1795



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038549

Supplier: GFI001-VC
GFI
180 Avenue Labrosse
Pointe Claire
QC
H9R 1A1 Canada
Phone: 514 630 4877
Fax: 514 630 4849

PO No: PO038549
PO Date: 12/4/17
Due Date: 12/15/17
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: COD
Freight Terms:
**Special
Comments:**

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	D3602-1P			Angle As Per Dwg D3602 Rev. B	Firmed	XXXXXX 01/19/2018	30 pcs	0 pcs	30 pcs	\$70.00/pcs 39.50	\$2,100.00
2	D3628-1P			Cupped Washer As Per Dwg D3628 Rev. C	Firmed	XXXXXX 01/19/2018	250 pcs	0 pcs	250 pcs	\$2.40/pcs 2.72	\$604.00
3	D3484-041P			Tail Light Fairing As Per Dwg D3484 Rev. F	Firmed	XXXXXX 01/19/2018	10 pcs	0 pcs	10 pcs	\$280.00/pcs 356.00	\$2,800.00
4	D3484-042P			Tail Light Fairing As Per Dwg D3484 Rev. F	Firmed	XXXXXX 01/19/2018	10 pcs	0 pcs	10 pcs	\$280.00/pcs 356.00	\$2,800.00
Grand Total:											\$8,304.00

Order Notes

DWG REV B

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

APPROVED

By Pedro at 4:36 pm, Dec 06, 2017

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS